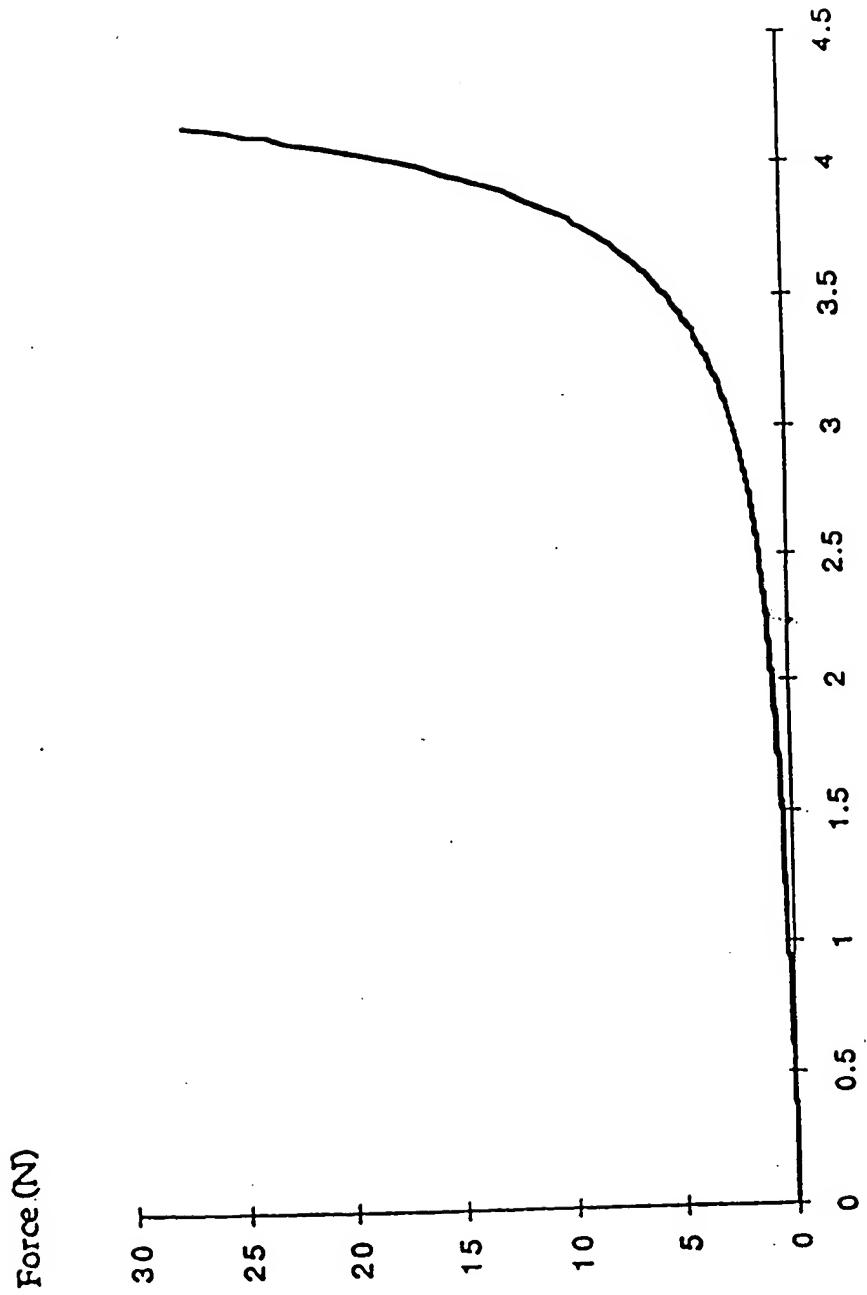


Compression of 5 mm disk (5 mm diameter) at 2 mm/min



Displacement (mm)

Fig. 1

Compression of 5 mm disk (5 mm diameter) at 2 mm/min

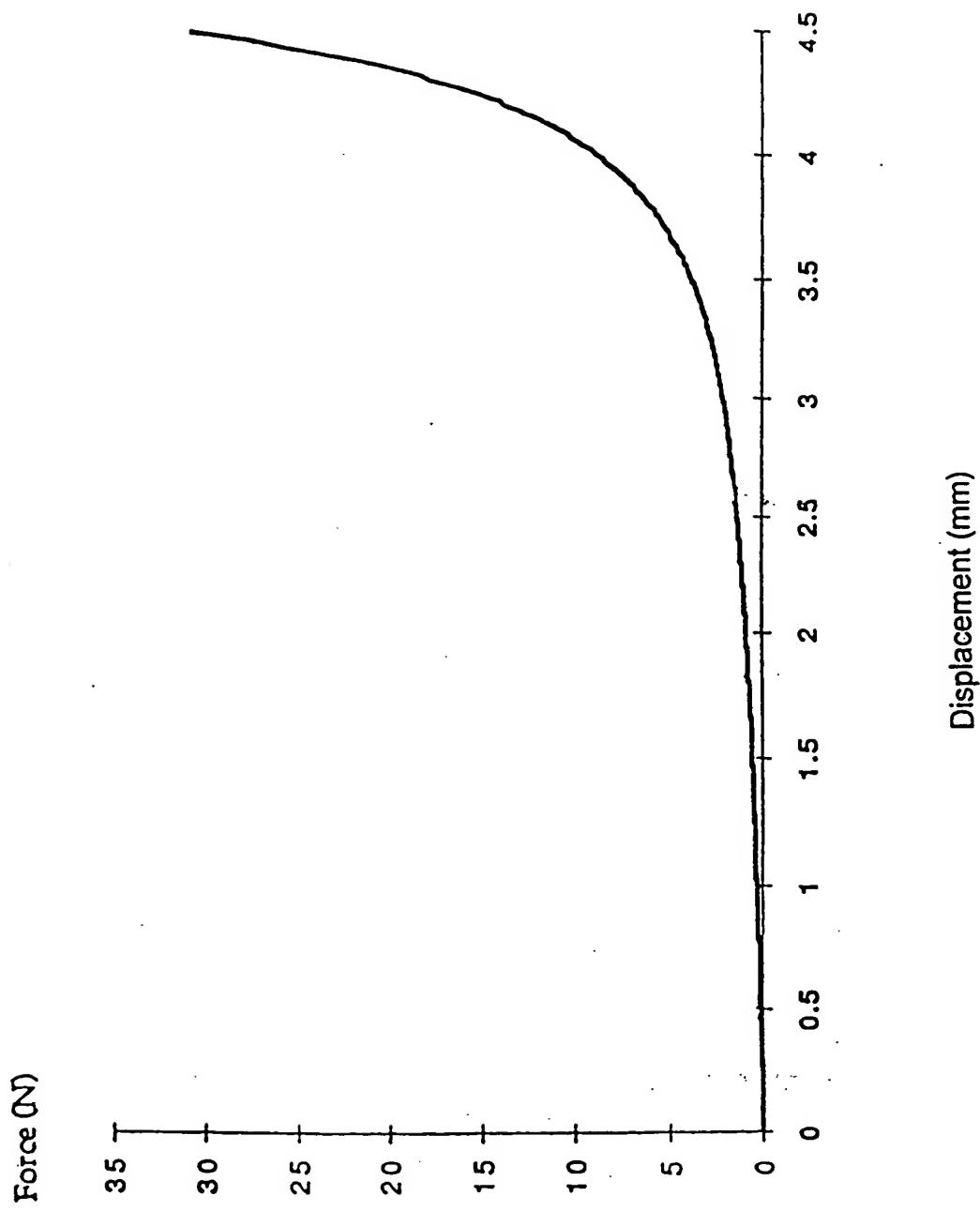


Fig. 2

Diamine

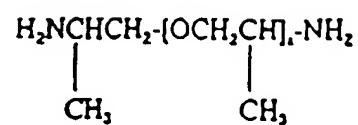


Fig. 3a

Triamine

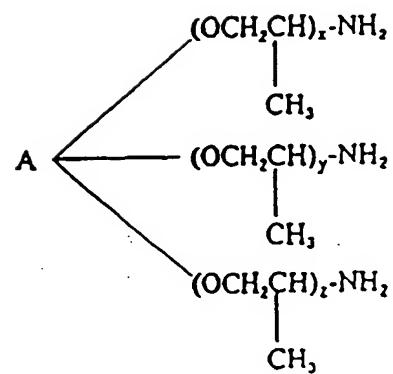
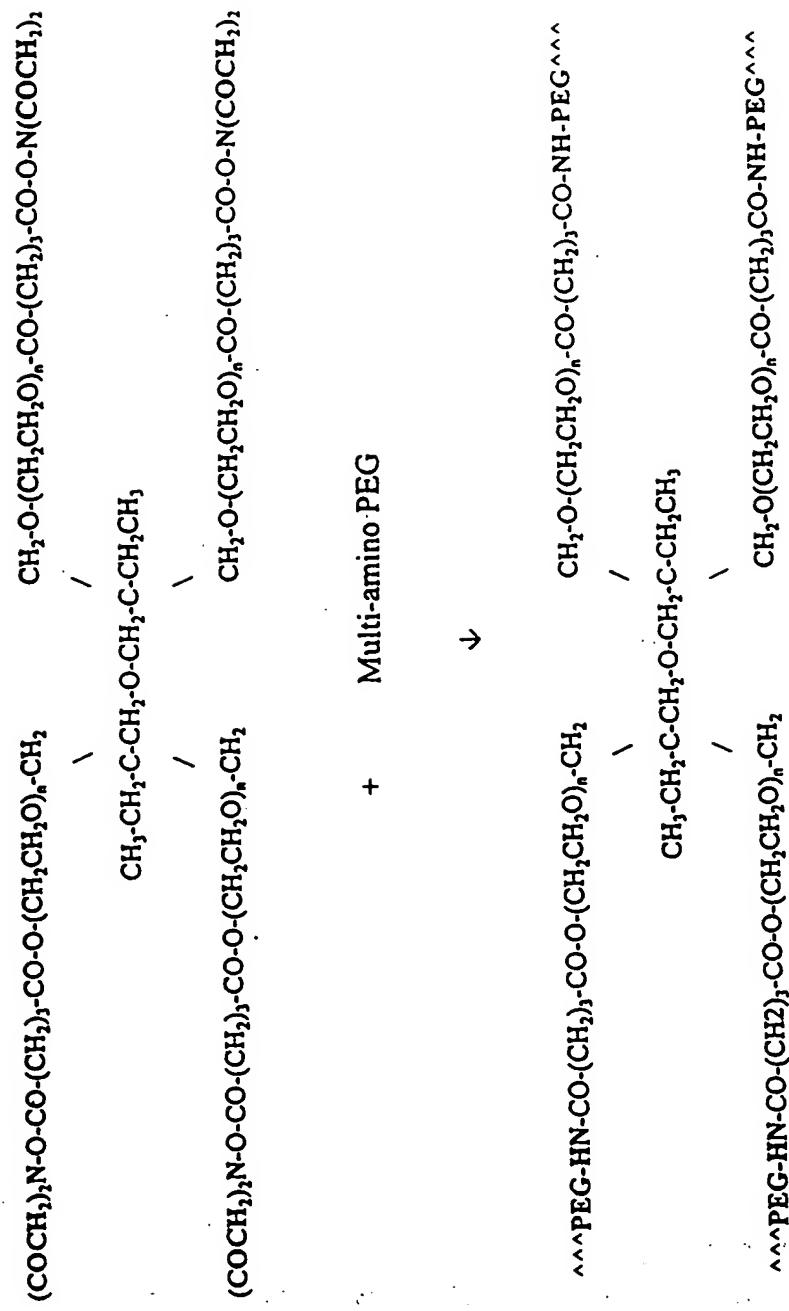
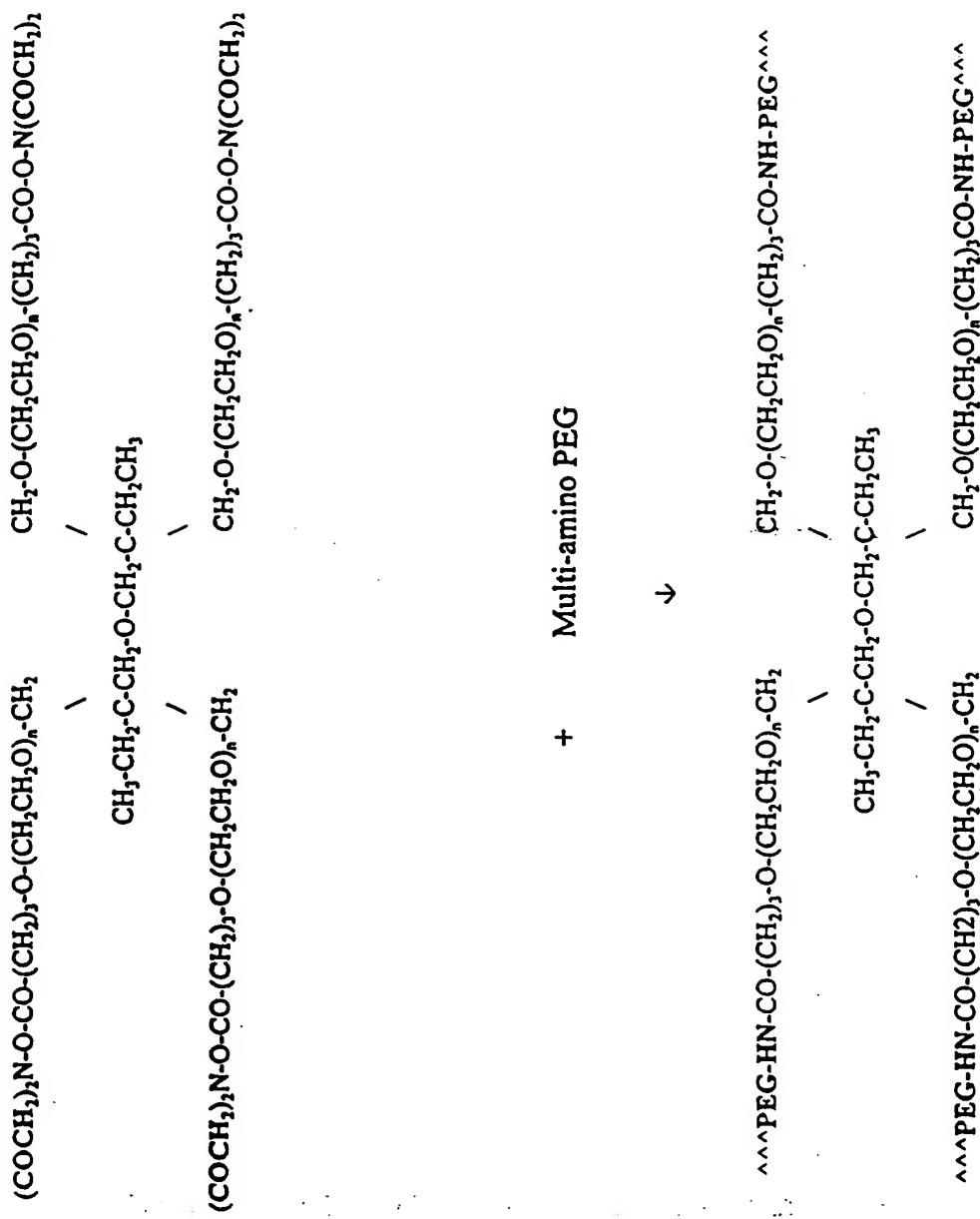


Fig. 3b

SG-PEG: Tetrafunctionally Activated PEG Succinimidyl Glutarate



SE-PEG, $n=3$: Tetrafunctionally Activated PEG Succinimidyl Butylate (Ether Linkage)



5
五

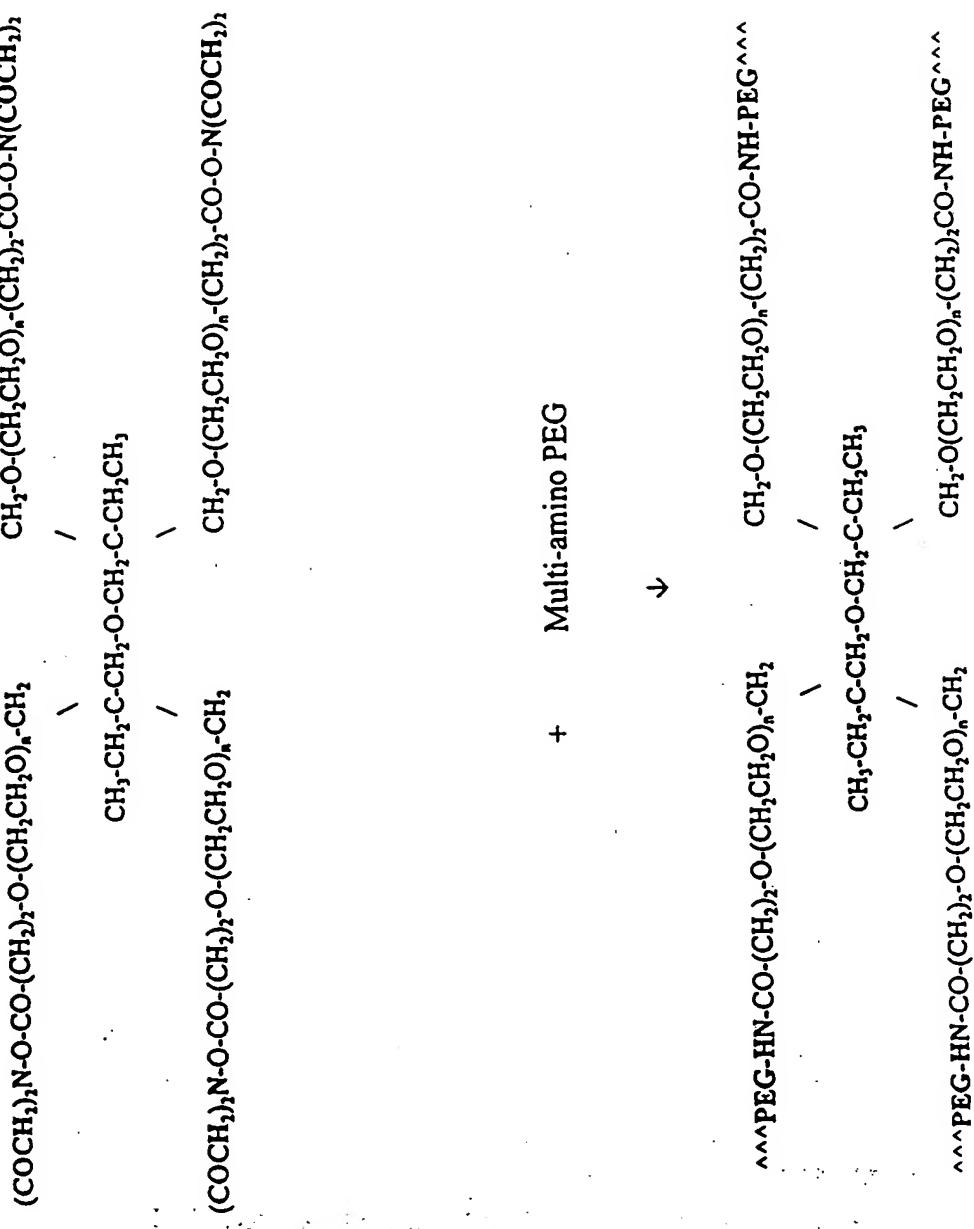
SE-PEG, $m=2$ Tetrafunctionally Activated PEG Succinimidyl Butylate (Ether Linkage)

Fig. 6

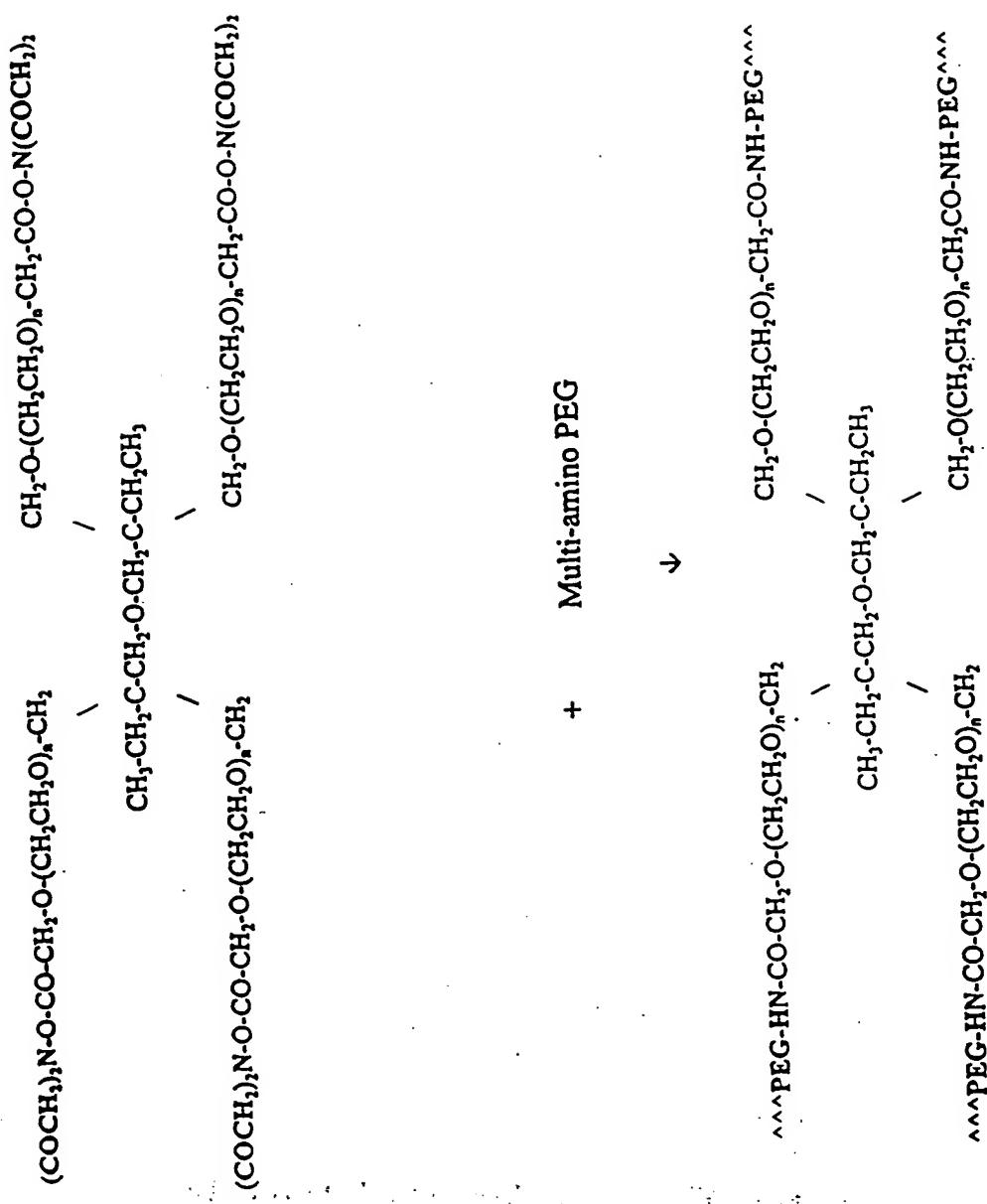
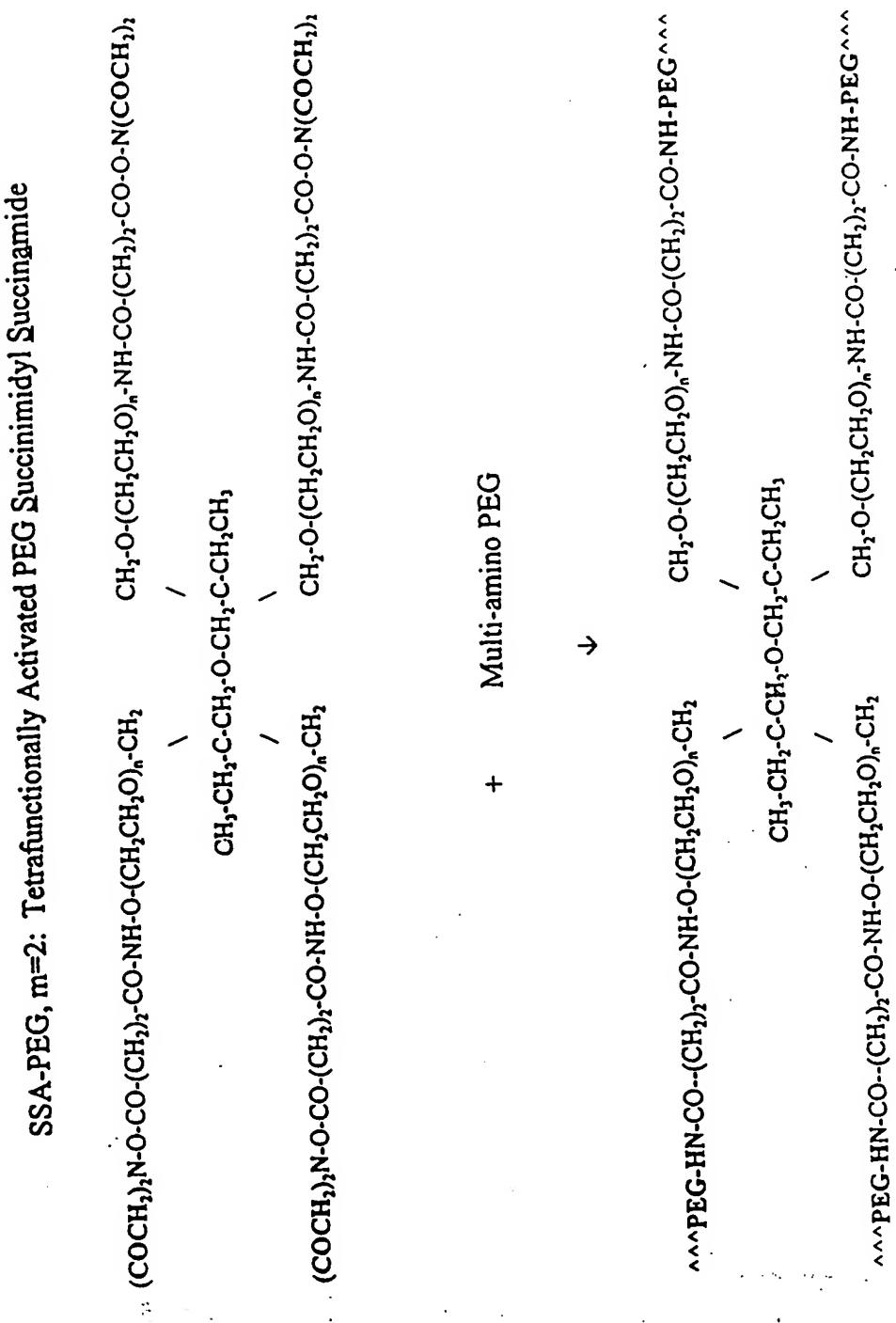
SE-PEG, $n=1$ Tetrafunctionally Activated PEG Succinimidyl Acetate (Ether Linkage)

Fig. 7



8
正

SC-PEG, m=0: Tetrafunctionally Activated PEG Succinimidyl Carbonate

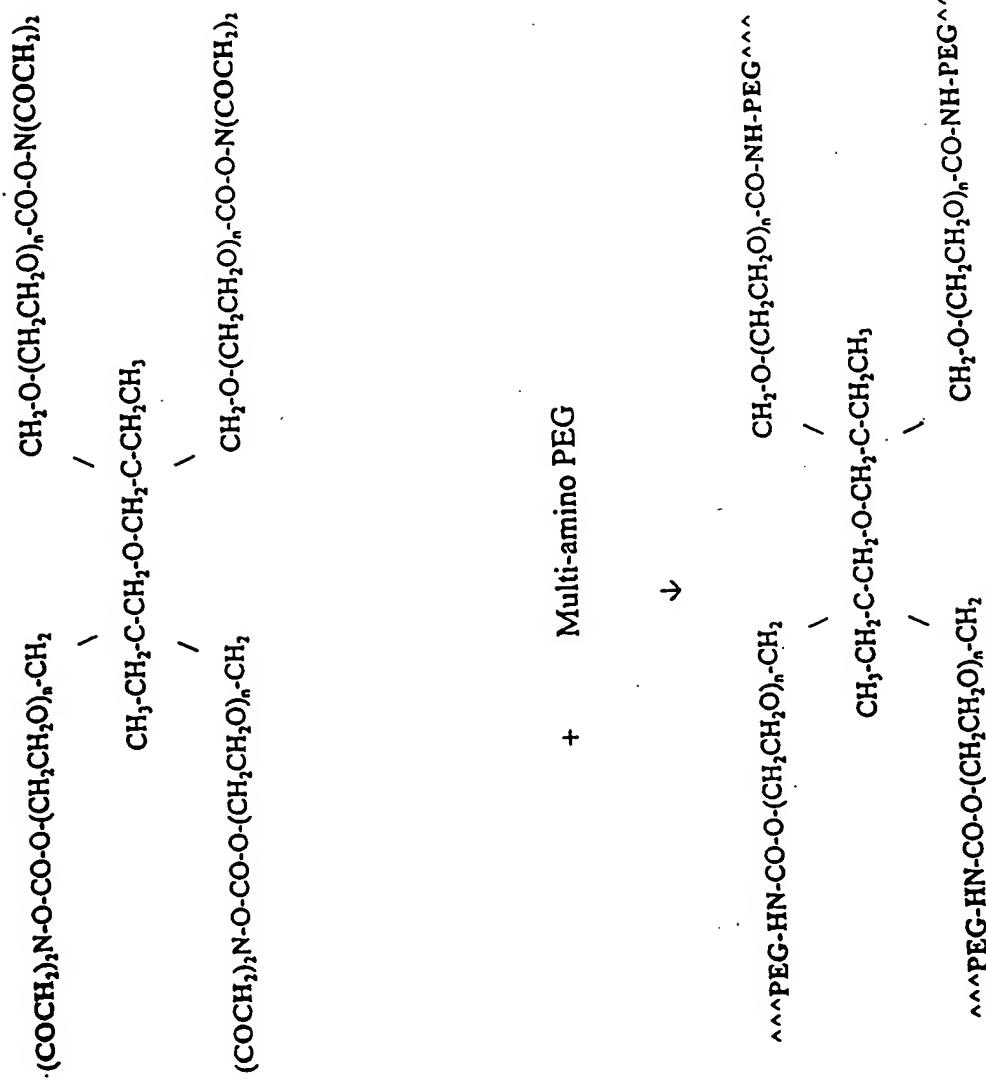


Fig. 9

A-PEG: Tetrafunctionally Activated PEG Propion Aldehyde

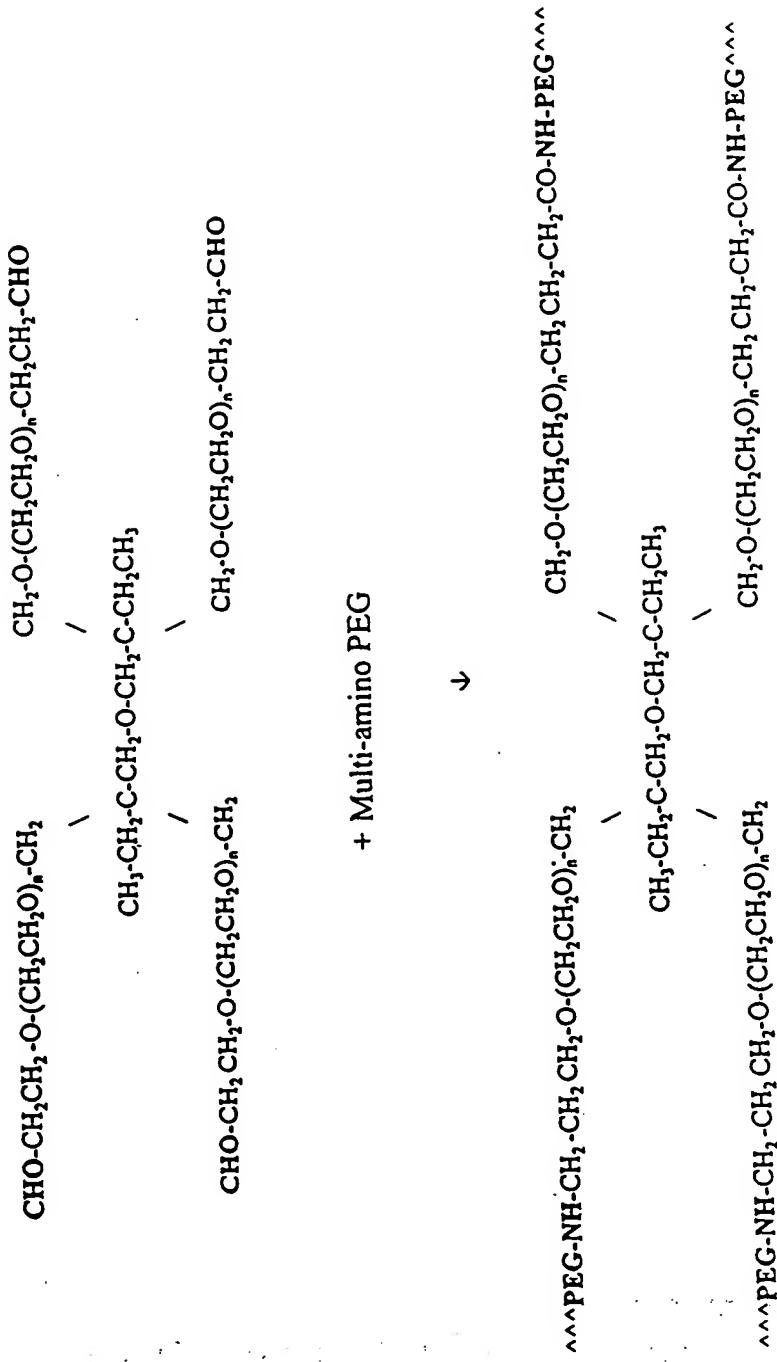


Fig. 10

E-PEG: Tetrafunctionally Activated PEG Glycidyl Ether

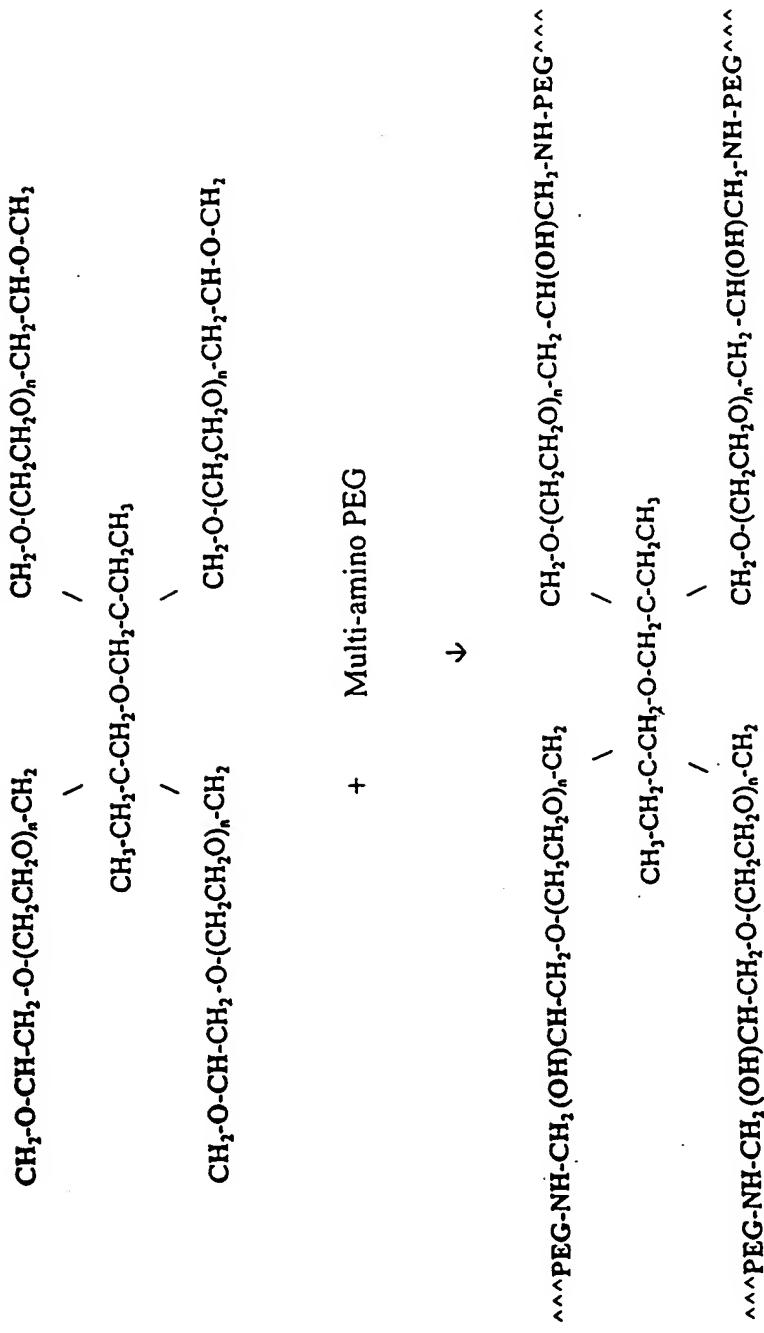


Fig. 11

1-PEG: Tetrafunctionally Activated PEG Isocyanate

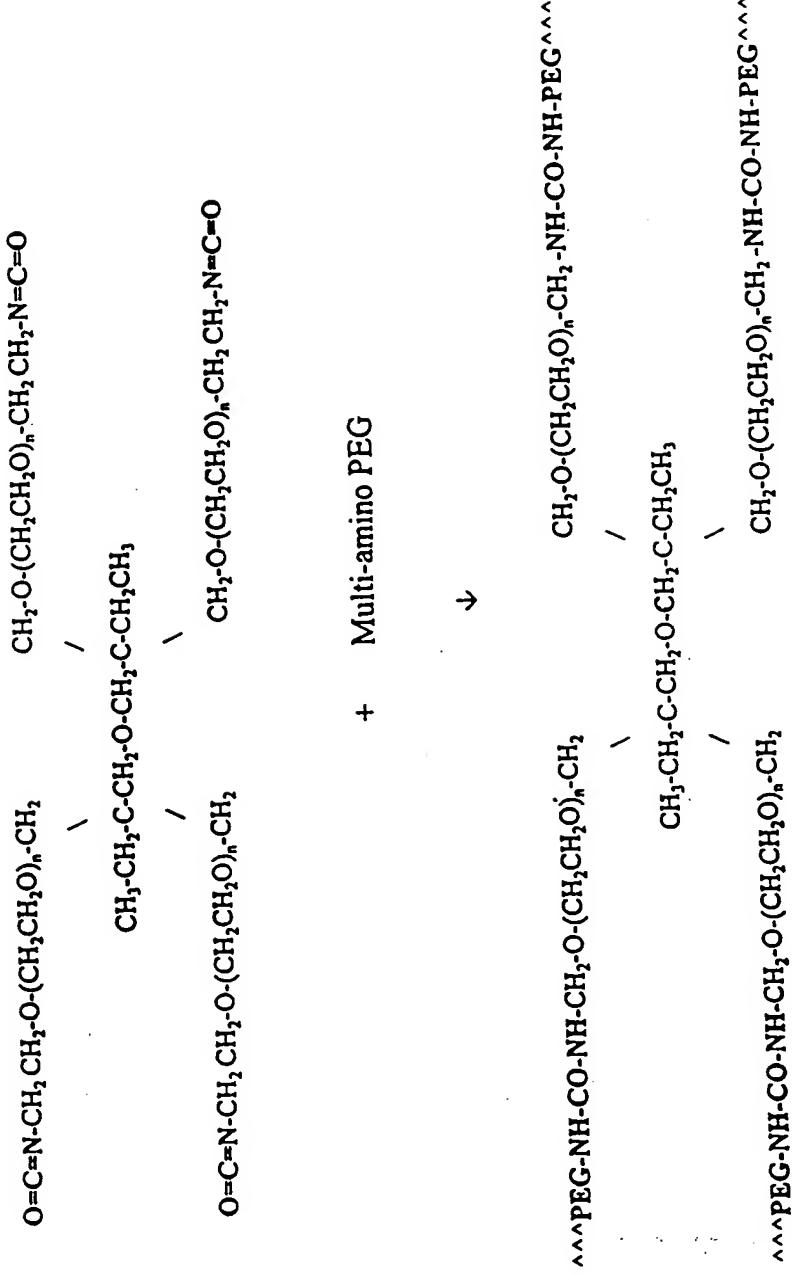


Fig. 12

V-PEG: Tetrafunctionally Activated PEG Vinylsulfone

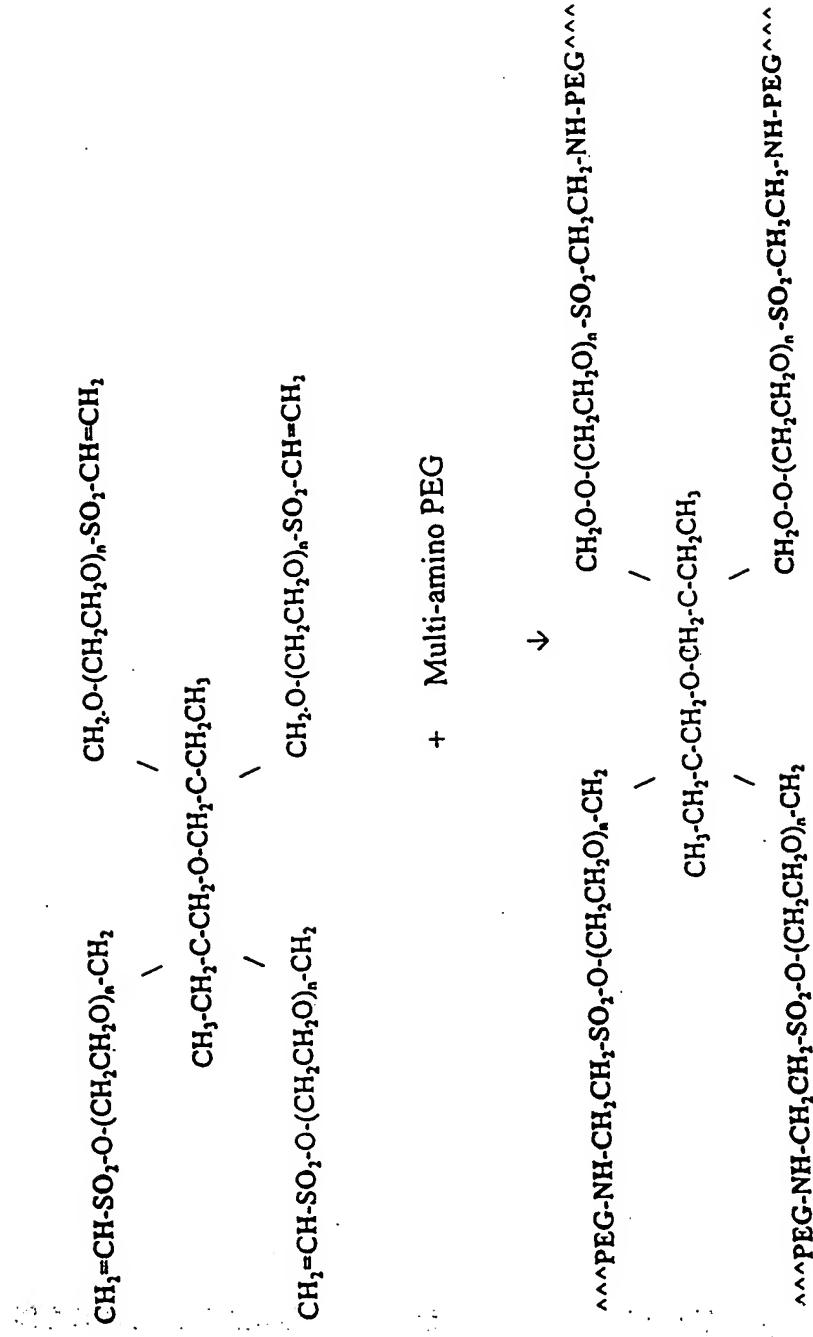


Fig. 13

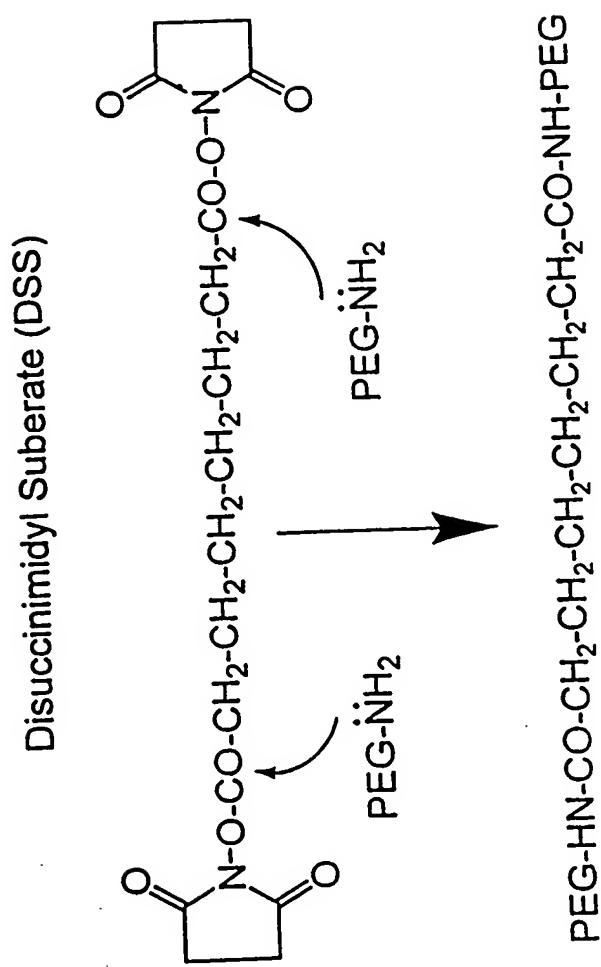


Fig. 14

Dithiobis(succinimidylpropionate) (DSP)

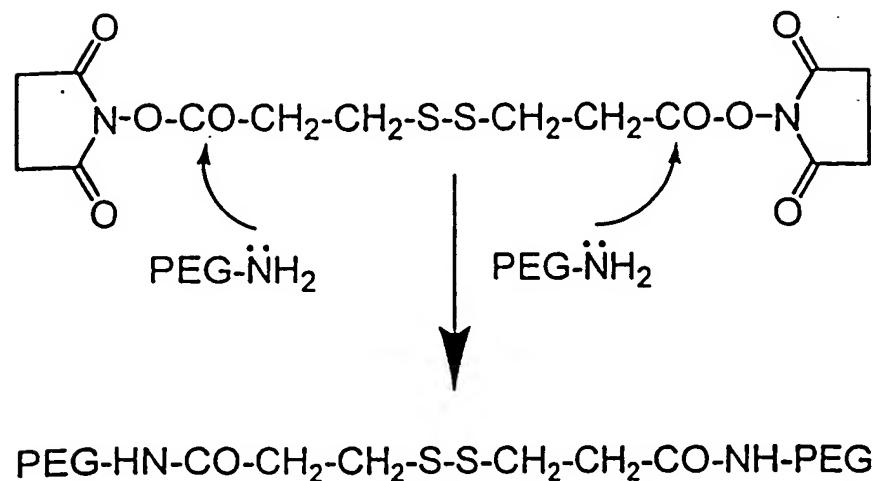


Fig. 15

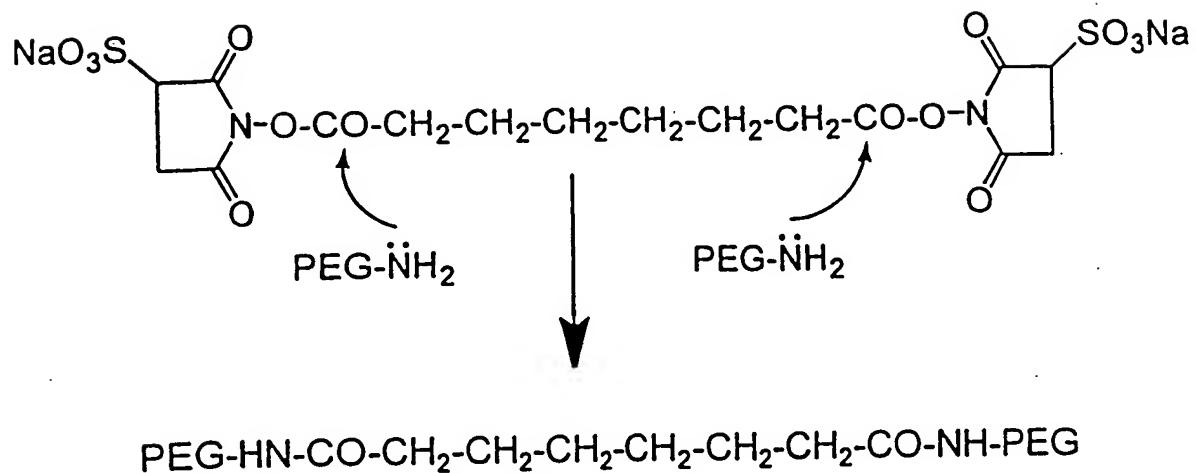
Bis(sulfosuccinimidyl) Suberate (BS³)

Fig. 16

Bis(2-succinimidooxycarbonyloxy)ethyl Sulfone (BSOCOES)

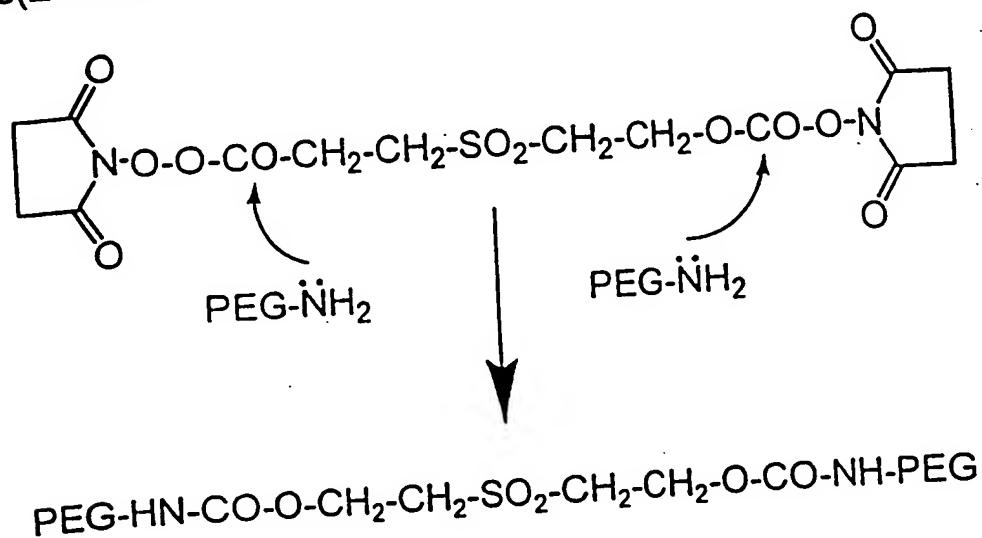


Fig. 17

3,3'-Dithiobis(sulfosuccinimidyl-propionate) (DTSSP)

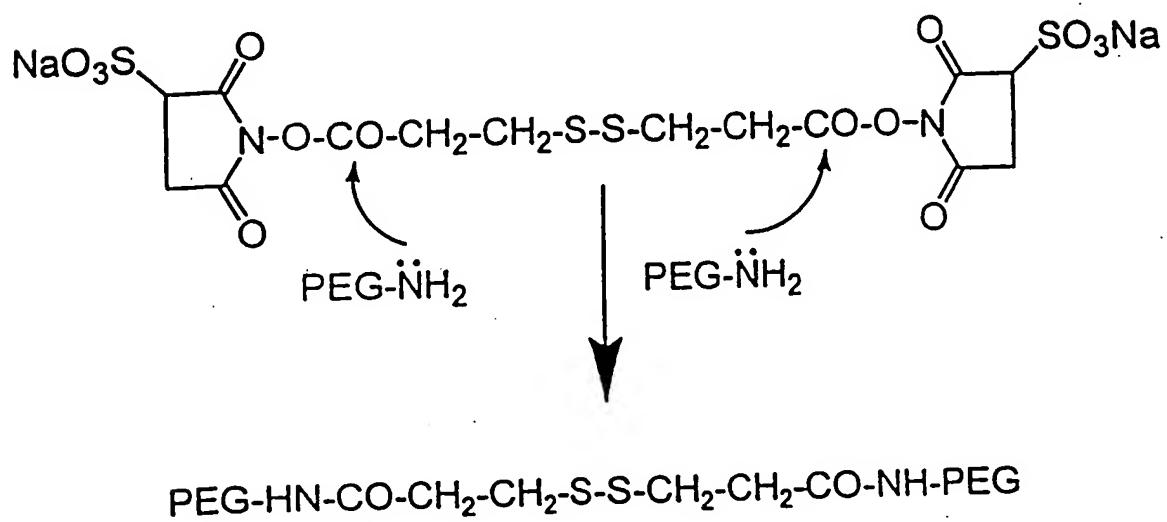


Fig. 18